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Patent Application No.: 10/578,719
Attorney Docket No. P6106/Namy**Amendment of Claims**

What is claimed is:

1. (currently amended) A cartilage therapeutic composition comprising a mixture of components of chondrocytes isolated and expanded or differentiated from a host, and thrombin and a fibrinogen matrix containing fibrinogen,

wherein the cell components are prepared by separating cells from a normal cartilage tissue isolated from the host using an enzyme, and incubating cells in a culture medium to obtain a culture containing more than 10⁶ cells/mL,

wherein said thrombin is used more than 2 IU/mL, but less than 50 IU/mL,

wherein said fibrinogen matrix contains 20 mg/mL to 200 mg/mL of fibrinogen

2. (cancelled) ~~The cartilage therapeutic composition as set forth in claim 1, wherein the cell components are prepared by separating cells from a normal cartilage tissue isolated from the host using an enzyme, and incubating cells in a culture medium to obtain a culture containing more than 10⁶ cells/mL.~~

3. (cancelled) ~~The cartilage therapeutic composition as set forth in claim 1, wherein the thrombin is used in the amount of 0.01 to 50 IU/mL.~~

4. (cancelled) ~~The cartilage therapeutic composition as set forth in claim 1, wherein the fibrinogen matrix contains 20 mg/mL to 200 mg/mL of fibrinogen.~~

5. (currently amended) The cartilage therapeutic composition as set forth in claim [4] 1.

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wherein the fibrinogen matrix contains at least one antibiotic, such as which is either one of penicillin G or streptomycin, or at least one antifungal agent, such as which is either one of kanamycin, amphotericin B, nystatin or gentamycin.

6. (currently amended) The cartilage therapeutic composition as set forth in claim ~~{4}~~ 1, wherein the fibrinogen matrix contains at least one component selected from: 0.01 mg/mL to 20 mg/mL of collagen, 0.1 mg/mL to 20 mg/mL of hyaluronic acid and 0.1 mg/mL to 20 mg/mL of glycosaminoglycan (GAG), or 1 to 3000 KIU/mL of aprotinin.

7. (Cancelled).

8. (Cancelled).

9. (Cancelled).

10. (Cancelled).

11. (Cancelled).

12. (Cancelled).